

communicating remote particle detecting systems includes an appropriate conversion means connected to a coding-decoding means, providing recognition of a wireless communicating remote particle detecting system conventional number.

56. An apparatus for counting and measuring particles providing a processing of a light detecting means output, said apparatus comprises:

a current-voltage conversion means, providing conversion of said light detecting means output, which is effectively indicative of a size of said particles, to the voltage value signals;

an amplifying means, providing an amplification of said voltage value signals;

an analog-digital form pulse duration conversion means, providing conversion of each of said voltage value signals to a digital form pulse duration, which is adequate to the duration of an appropriate said light detecting means output;

a strobe pulse generating means, providing generation of the strobe pulses;

a conjunction means, forming a strobe pulse packages by conjunction of the digital form pulses and said strobe pulses;

a selecting, sorting and counting means, providing the selection and sorting of said strobe pulse packages by an identical quantity of said strobe pulses within each strobe pulse package.

57. The apparatus of claim 56, wherein said amplifying means is connected to the light detecting means through said current-voltage conversion means, and wherein said analog-digital form pulse duration conversion means is connected to said amplifying means.

58. The apparatus of claim 56, wherein said conjunction means is connected to said analog-digital form pulse duration conversion means, to said strobe pulse generating means and to said selecting, sorting and counting means.

Remarks

These remarks are prepared in compliance with the telephone interview (applicant's telephone calling to Examiner on 04/26/99 at 12:50pm of Pacific Time).

The above new claims 49-58 are substituted as part of the continuation application; these claims are submitted to be patentable over the art of record in the parent case for the following reasons (no new matters have been added and the new claims 49-58 does not raise any new issues).

The above new claims 49-58 eliminate the unclear, confusing and ungrammatical phrases of the claims, such as: "processing of detected signals", "detected signals", "at least one of plurality", "wireless communicating remote detecting system" and "wireless communicating remote data processing and control system", "detected signal processing means" and "signal processing means", "connected together", "providing a processing...and a processing" and "strobing", as requested by Advisory Action from 04/20/99 and telephone interview on 04/26/99.

Figs. 8, 10 of the drawings have been corrected in compliance with the hereto amended

specification. If approved, this correction will be incorporate into formal drawings to be filed before payment of the Issue Fee.

New drawing sheets Figs. 1-7, 9 are corrected, as have been requested by Examiner for the parent application, in compliance with 4. SIZE OF PAPER. 37 CFR 1.84(f); 5. MARGINS. 37 CFR 1.84(g); and 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84 (p) and submitted by Submission of Corrected Drawings attached hereto as a separate document.

The Abstract, Title and Specification have been amended to correct spelling, grammatical and idiomatic errors. Also the BACKGROUND OF INVENTION in the Specification has been amended considering the referred by Examiner US Patent No. 4,160,246 by Martin et al.

In view of the foregoing amendments, substitutions, accompanying remarks, and telephone interview (04/26/99), 35 U.S. C. 103(a) rejection should be withdrawn.

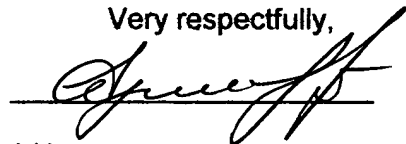
The applicant, as pro-se applicant, respectfully request under M.P.E.P. 707.07(j), that if the Examiner feels that applicant's present claims are not entirely suitable, the Examiner drafts one or more allowable claims for applicant (please, see the same request in the Transmittal Letter and in the Amendment from November 10, 1998).

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicant, at the telephone number indicated below, to arrange for an interview to expedite the disposition of this case.

Any Fees, which may be due with respect to this paper, will be paid by Applicant.

For all the reasons given above, applicant respectfully submits that the errors in the specification are corrected, the specification and the claims are now in the proper form and that the claims all define patentably over the prior art. Therefore, applicant submits that this application is now in full condition for allowance, which action applicant respectfully solicits.

Very respectfully,



ALEKSANDR L. YUFA, Ph.D.

April 28, 1999

Address:

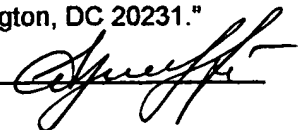
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I hereby certify that this paper and fee is being deposited with the United States Postal Service using "Express Mail # EJ493 306176 US Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to "Assistant Commissioner for Patents, Washington, DC 20231."

Date: April 28, 1999

Applicant: Aleksandr L. Yufa, Ph.D.



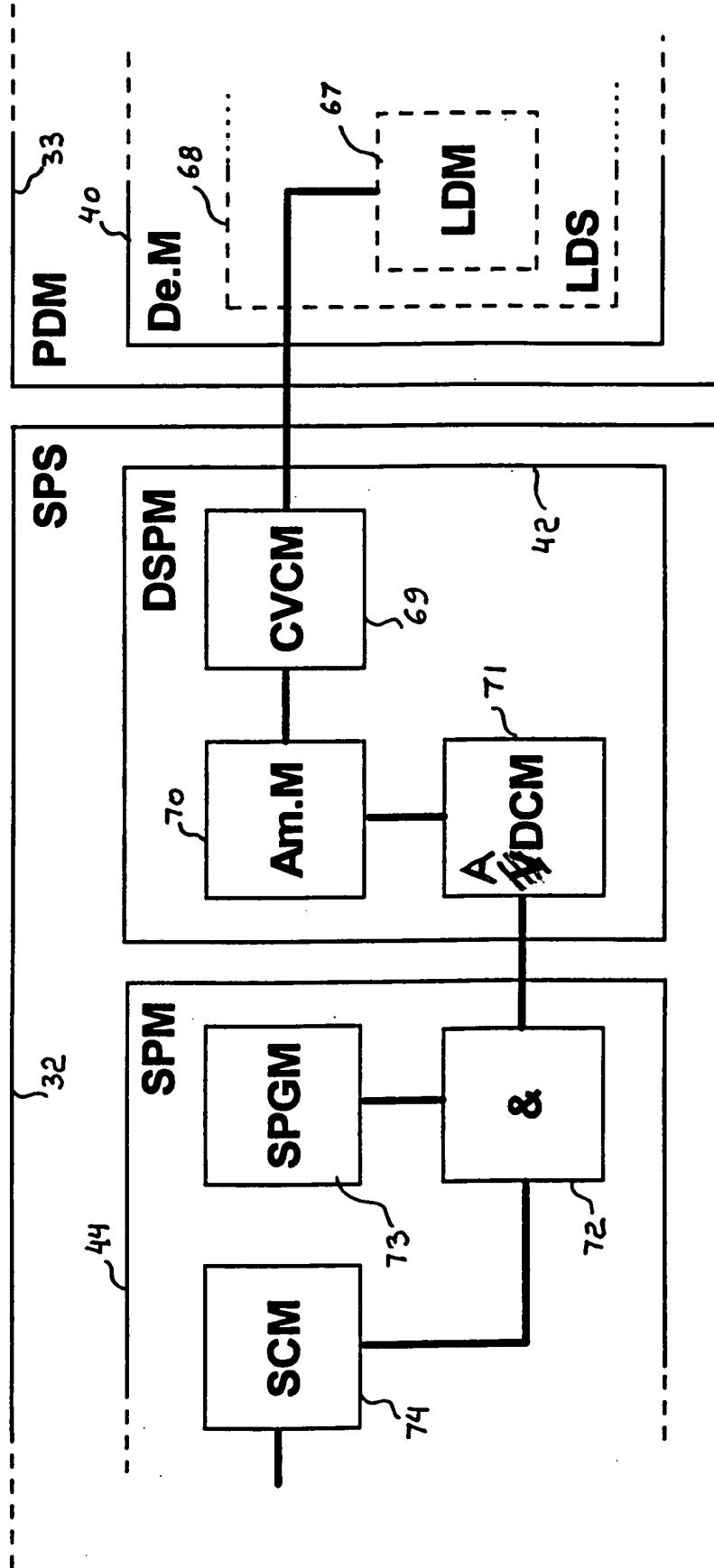


Fig.8

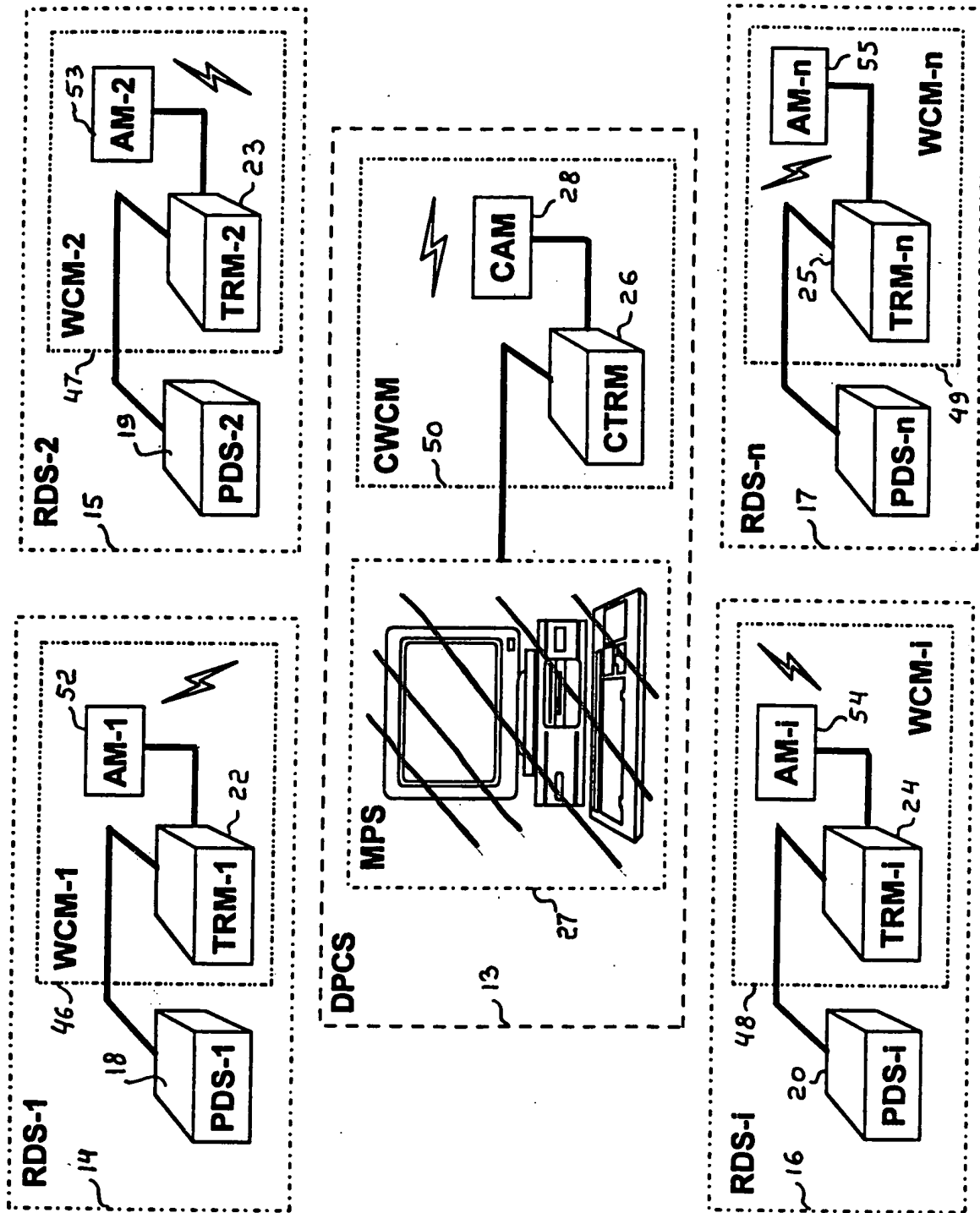


Fig. 10